



# California Crop Weather

Cooperating with the California Department of Food and Agriculture

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**WEEK ENDING: October 25, 2015**

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**FREQUENCY: Weekly**

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## WEATHER

Afternoon temperatures remained fairly consistent day-to-day, but overnight lows gradually cooled each night under the influence of dry air. High pressure and calm winds combined with low-level moisture trapped in the central valley led to the development of radiation fog each night and morning. High pressure and its associated wind patterns also prevented the onshore advection of marine fog and stratus along the coast, allowing afternoon highs to reach temperatures comparable to those in the valley. Daytime highs were in the 60s along the north coast, with 70s to 80s further south along the coast and into the valley. Desert locations reached the 80s to 90s and the mountains rose into the 50s to 60s. Lows were in the 50s to 60s along the coast from north to south, with 40s to 50s across the valley, and the deserts reached the 50s to 60s. The coldest air of the season so far settled into the mountains, with lows in the teens to 40s based mostly on elevation.

The only measurable rainfall fell early in the week across the northern valley and the higher elevations across the north and through a band along the Sierras as far south as Yosemite. Most locations received very light precipitation, mostly around a tenth of an inch. A few snow flurries fell in the Sierras, but little to no accumulation was noted. Any snow that fell or existing snow cover that was already present in the mountains melted during the week. A few isolated snow patches may still be present in sheltered areas at the highest elevations.

## FIELD CROPS

**Alfalfa** was irrigated, cut, and baled, as the last cutting had started for the season. In Madera County, new fields were planted. **Corn** silage, **Sudan**, and **sorghum** harvest continued and was winding down in most locations. Grain corn was harvested. **Cotton** was defoliated and harvest was going full bore. The crop was reported 85 percent good-to-excellent and 98 percent of the crop were reported to have bolls opening and 50 percent of the crop was reported as harvested by week's end. Black-eye **beans** continued to be cut and windrowed. Ground was prepared for **wheat** and **oat** planting. **Rice** harvest continued and was reported as almost complete by week's end. Slurry and dry manure was applied to pre plant winter forage fields. Warmer weather was helping seed germination. Barley seed was received in anticipation of planting for winter forage.

## FRUIT CROPS

In Fresno County, the harvest of wine **grapes** were completed. In Madera County, growers were still harvesting a few table grape acres. Grapes were treated for mealy bugs and nematodes. Other fruit orchards were irrigated. In Stanislaus County, **olives** were prepped for harvest. In Tulare County, fall pruning and winter preparation were underway in most stone fruit orchards. Small amounts of **plums**, Asian **pears**, and **apples** were exported. **Pomegranate** harvest was slowing down, but packing and export continued. **Kiwifruit** in cold storage were reconditioned and packed. **Persimmons** were coloring up nicely, harvested, and marketed domestically. Valencia **orange** harvest was slowing.

## NUT CROPS

Harvest of **almonds**, **pecans**, and **walnuts** were mostly completed with some pockets of harvest continued. In Yuba County, the harvest of Chandler walnuts continued. In Fresno County, the almond pick-up concluded and the first harvest of walnuts was completed. Pruning of first year almond trees occurred. Post-harvest orchard cleanup and winter preparation continued.

## VEGETABLE CROPS

In San Joaquin County, the harvest was winding down for **pumpkins**, **watermelon**, and Farmer's Market vegetables. In Stanislaus County, commodities harvested included fresh market and processing **tomatoes**, **cantaloupes**, **honeydew**, watermelons, pumpkins, and **cucumber**. In Monterey County, **lettuce** harvest slowed with some harvesting crews moving out of the area. The harvest of **Brassicas**, **fennel**, and other leafy greens continued. In Fresno County, fall planting for the winter season continued. Onion beds were ready for planting. Kale for seed was treated for insects. No heat jalapenos were ready for picking.

## LIVESTOCK

In San Joaquin County, rangeland continued to be of poor quality which required supplemental feeding. Water was hauled as the existing ponds were either dry or of very poor quality. In Fresno County, rangeland pasture improved in recent weeks due to rains reducing need for supplemental feeding. In Mariposa County, most of the calves were reported to be on the ground. Beef producers reported feeding supplemental hay to their cattle since August.

CALIFORNIA CROP WEATHER – WEEK ENDING 10/25/2015

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 10/25/2015	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1- 10/25/2015	January 1- 10/25/2015	July 1- 10/25/2015	Week Ending 10/25/2015	July 1- 10/25/2015	July 1- 10/25/2015	July 1- June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days /3 --	-- Inches of P Precipitation --			
North Coast											
Eureka WFO	58	5	65	46	154	73	17	0.20	127	3.03	38.10
Ukiah	64	6	87	43	2069	1475	6	0	0.89	2.24	38.90
Santa Rosa AP	64	3	89	43	1400	1122	6	0	0.50	1.89	31.01
Napa State Hosp	66	5	84	49	1725	1204	5	0	0.27	1.52	26.46
Central Coast											
San Francisco A	64	4	79	53	1060	553	1	0	0.02	1.01	20.11
San Jose AP	66	4	82	52	1662	1584	3	0	0.06	0.98	15.08
Salinas AP	65	5	84	50	1193	609	6	0	0.46	0.73	12.91
Monterey AP	63	4	77	51	836	312	6	0.01	0.23	1.21	20.35
King City Ag	66	5	88	47	1793	1291	8	0	0.27	0.69	12.30
Paso Robles AP	66	6	88	44	2210	1683	6	0	2.20	0.80	13.08
Sacramento Valley											
Redding	69	8	89	48	3611	2512	7	0.05	0.77	2.32	33.52
Red Bluff	67	6	87	51	3318	2734	5	0.13	0.40	1.88	24.07
Willows 6W	67	6	85	51	2850	2134	3	0	0.14	1.15	19.03
Oroville AP	69	8	85	51	3044	2220	8	0.01	0.34	1.79	28.75
Marysville	67	5	87	46	2744	2556	5	0	0.23	1.40	22.07
Sacramento AP	68	6	87	49	2629	2065	5	0	0.16	1.08	17.93
San Joaquin Valley											
Stockton	68	6	86	48	2718	2320	5	0	0.24	1.01	13.84
Modesto AP	68	6	84	50	3149	2453	1	0	0.11	0.92	13.12
Merced Macready	66	4	84	48	2770	2433	2	0	0.20	0.76	12.50
Madera AP	67	5	86	49	3065	2557	6	0	0.53	0.82	11.94
Fresno AP	68	6	84	55	3593	2784	9	0	0.98	0.75	11.23
Lemoore NAS	66	4	85	47	3213	2497	5	0	0.59	0.66	7.89
Visalia AP	67	5	82	53	3249	2542	7	0	2.08	0.75	11.03
Bakersfield AP	70	6	87	56	3923	3151	3	0	0.18	0.47	6.49
Cascade Sierra											
Alturas AP	50	5	69	23	809	451	21	0	2.67	1.87	12.13
Mount Shasta AP	54	6	71	33	1121	510	15	0.01	2.20	3.22	39.16
Blue Canyon	56	5	67	41	1279	692	10	0.05	2.05	4.90	66.36
Yosemite Valley	57	3	74	41	2049	1278	13	0.05	4.04	3.26	37.73
South Coast											
Santa Maria AP	67	7	90	50	1515	613	6	0	0.30	0.70	14.01
Santa Barbara A	68	6	86	53	1626	1162	6	0	0.65	0.93	16.93
Oxnard NWS	70	8	91	55	1905	1035	8	0	1.33	0.69	15.62
Riverside AP	72	6	92	57	3544	2758	12	0	4.04	0.68	10.22
Los Angeles AP	72	6	89	63	2188	1668	9	0	2.26	0.67	13.15
San Diego AP	72	6	85	65	2776	1963	10	0	3.38	0.64	10.77
Southeast Interior											
Bishop AP	57	4	76	36	2184	1770	8	0	0.99	0.72	5.02
Daggett AP	68	3	83	54	4519	3834	11	0	1.31	1.34	4.17
Lancaster ATC	63	5	82	44	2998	2502	9	0	3.73	0.68	7.40
Thermal	75	5	94	55	5462	5022	5	0	1.29	1.09	3.53
Blythe AP	74	4	90	60	5997	5236	9	0.33	1.11	1.71	4.02
Imperial CA	77	5	93	62	5850	5021	4	0	0.28	1.03	2.96

1/ Precipitation (rain or melted snow/ice).

2/ Normal periods 1970-2000 used in Departure From Normal calculations.

3/ Total number of days with precipitation events this season.

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